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(57) Abstract: Recombinant or modified *Lactobacillus* bacteria are described for use in vaccines. The bacteria express a heterolo-
gous antigen either intracellularly or on the surface of the bacteria, and will elicit an immune response. The vaccines are suitable for
oral administration. Preferred bacteria are of the species *Lactobacillus plantarum*, especially *L. plantarum* 256.

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